

FIG. 1

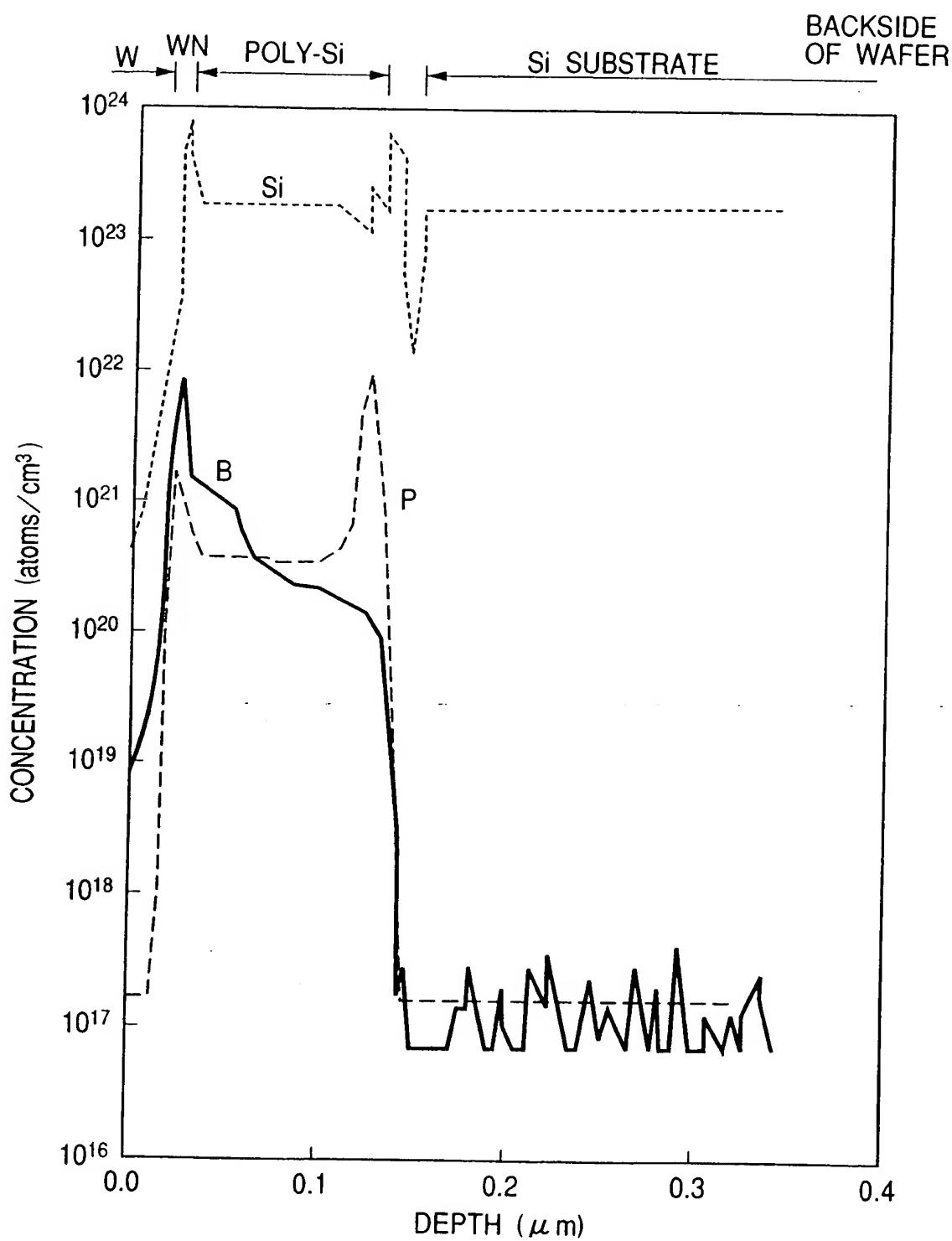


FIG. 2A

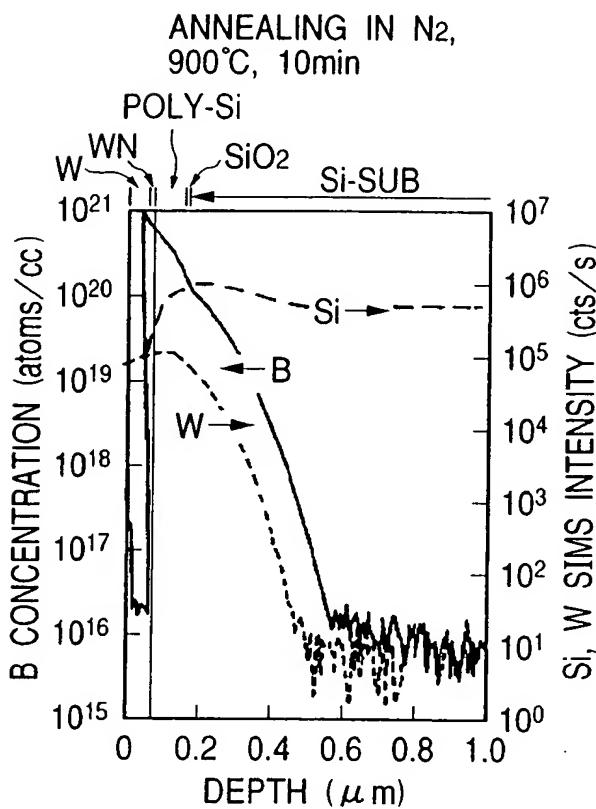


FIG. 2B

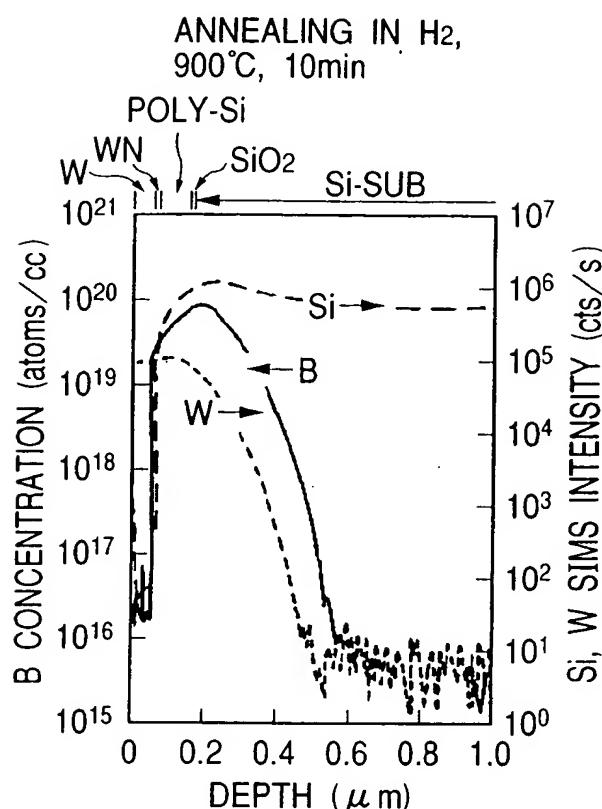


FIG. 2C

ANNEALING IN H₂
WITH 5%H₂O,
900°C, 10min

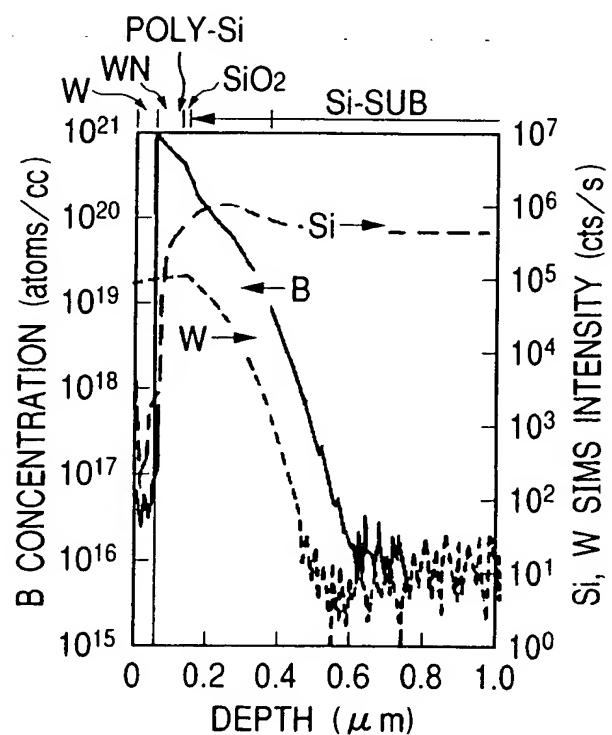


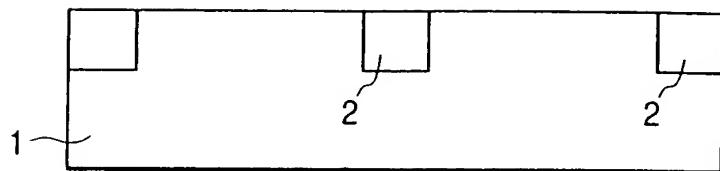
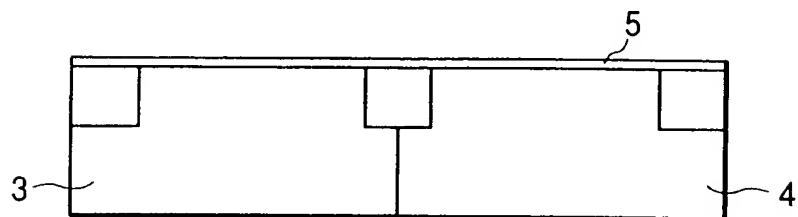
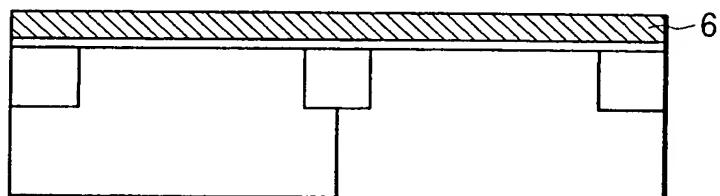
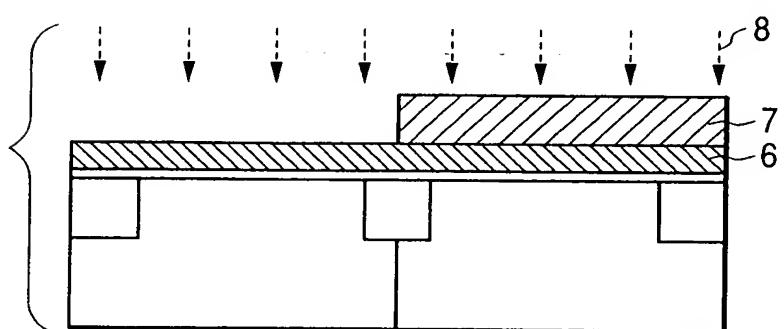
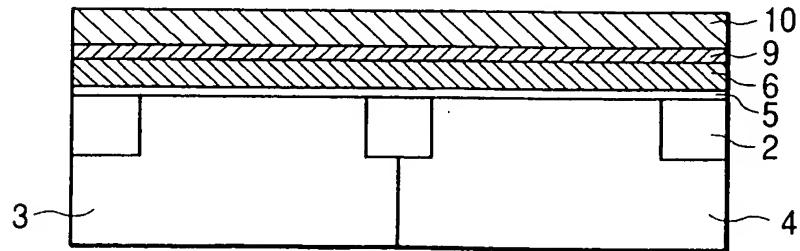
FIG. 3A*FIG. 3B**FIG. 3C**FIG. 3D**FIG. 3E*

FIG. 4A

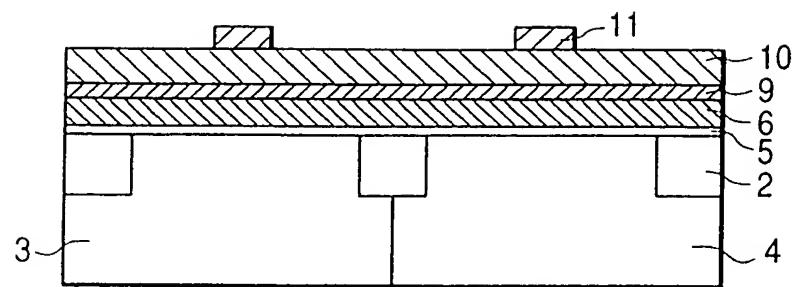


FIG. 4B

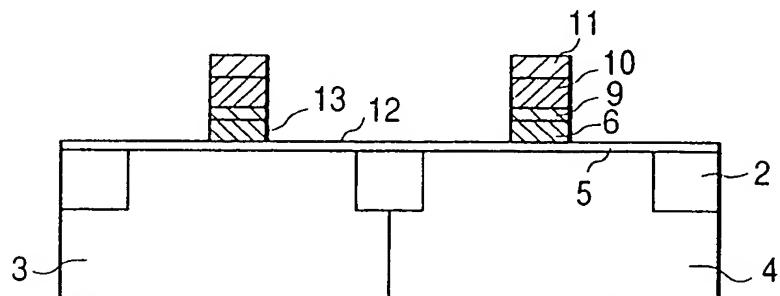


FIG. 4C

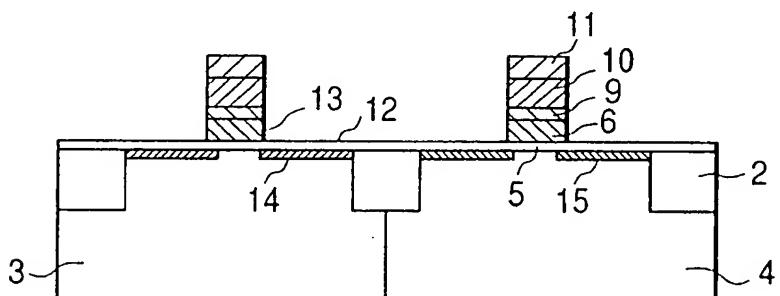


FIG. 4D

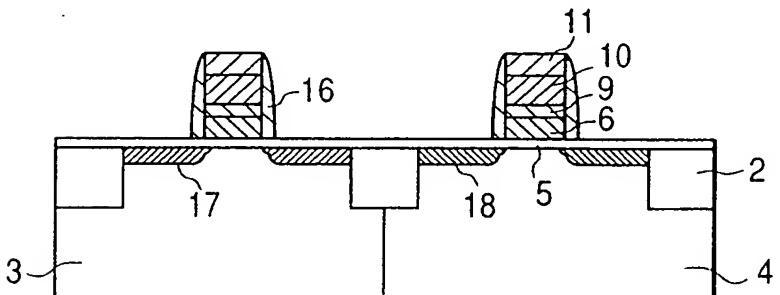


FIG. 4E

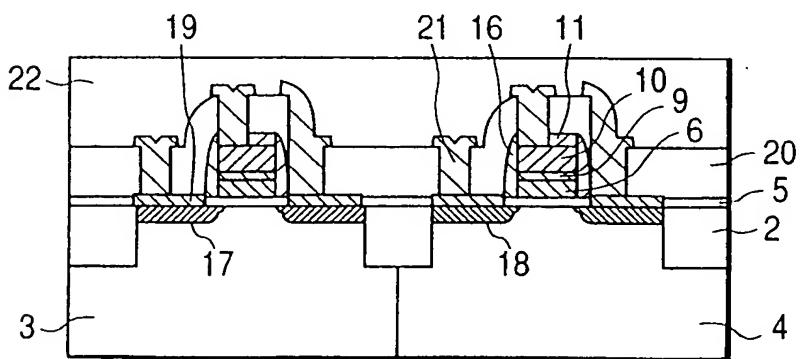
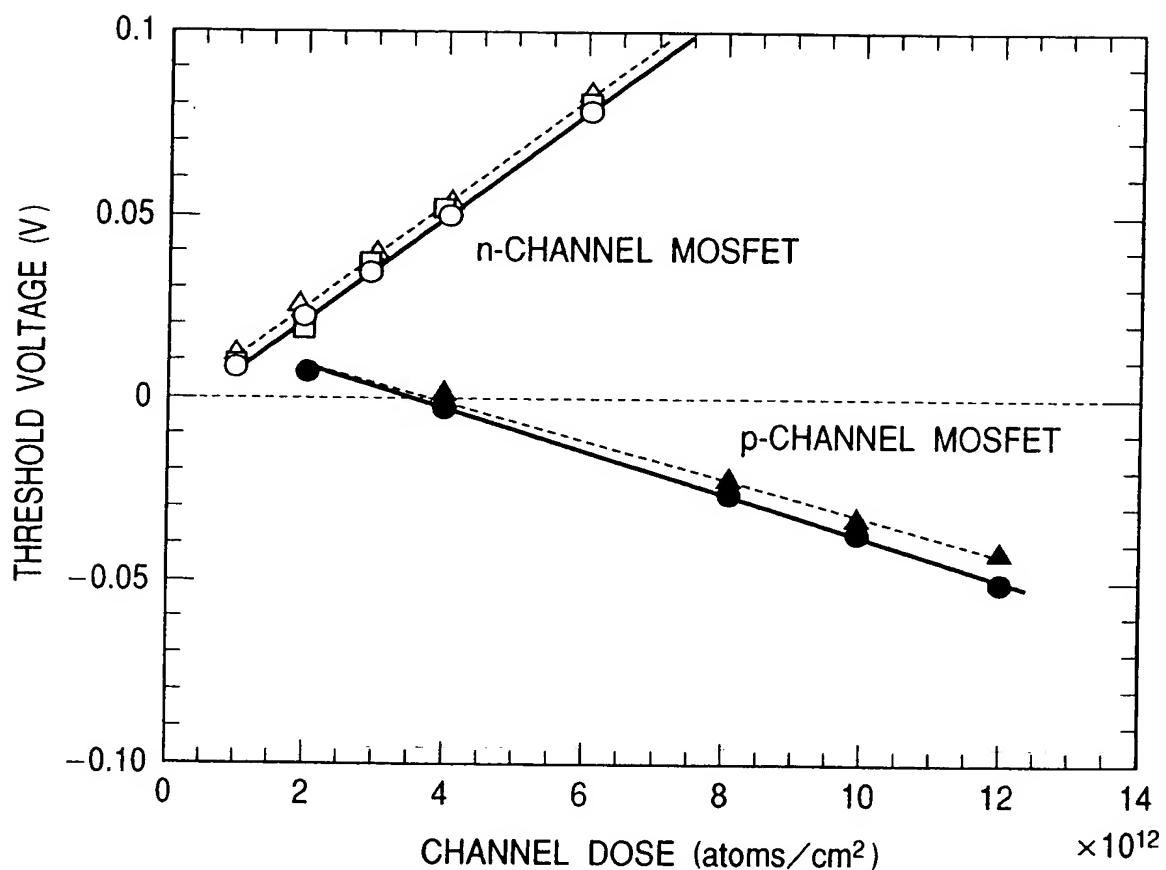


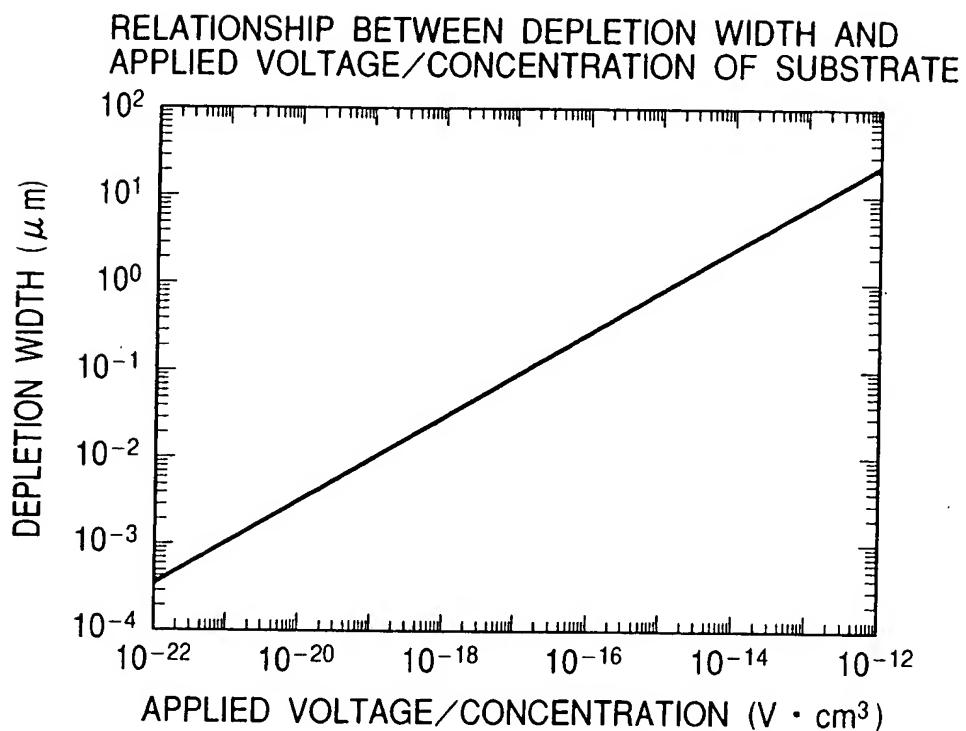
FIG. 5



W/WN/POLY-Si GATE { ● p-CHANNEL MOSFET
 (THIS WORK) ○ n-CHANNEL MOSFET

W/WN/POLY-Si GATE { ▲ p-CHANNEL MOSFET
 (PREVIOUS) △ n-CHANNEL MOSFET

POLY-Si GATE { □ n-CHANNEL MOSFET
 (CONVENTIONAL)

FIG. 6A**FIG. 6B**

RELATIONSHIP BETWEEN BREAKDOWN VOLTAGE OF pn JUNCTION AND CONCENTRATION OF SUBSTRATE

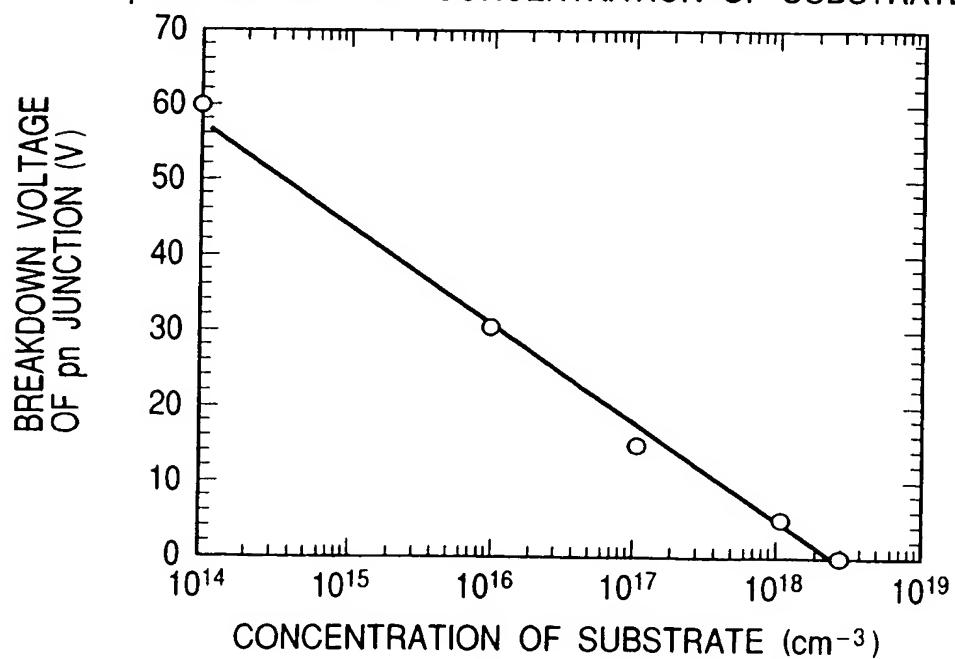


FIG. 7

